THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

: 10/781,940

Applicant Filed

: Kenneth K. LI et al.

TC/A.U.

: February 20, 2004

Examiner

: 2875 : Unknown

Docket No.

: 2138-280

Customer No.

: 06449

Confirmation No. : 9708

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants submit herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449.

Also attached are forms PTO-1449 and forms PTO-892, from the parent application having U.S. Serial No. 10/347,522 and grandparent application having U.S. Serial No. 09/814,970. Applicants respectfully request that the Examiner consider these references with respect to the present application. Copies of these references can be found with the parent/grandparent applications and, accordingly, will not be resubmitted unless requested by the Examiner.

ully submitted

Thomas E. McKiernan

Attorney for Applicants Registration No. 37,889

Serial No. 10/781,940 Page 2

ROTHWELL, FIGG, ERNST & MANBECK, p.c. Suite 800, 1425 K Street, N.W. Washington, D.C. 20005 Telephone: (202)783-6040

OCT 2 7 2004 2

Signature

Complete if Known 10/781,940 **Application Number** INFORMATION DISCLOSURE February 20, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor Kenneth K. LI et al. 2875 **Group Art Unit Examiner Name** Unknown 1 1 Sheet of Attorney Docket Number 2138-280 **U.S. PATENT DOCUMENTS** U.S. Patent Document Name of Patentee or Applicant **Date of Publication** of Cited Document of Cited Document Examiner Cite Kind Code² Number No.1 MM-DD-YYYY Initials* (if known) 2003/0112511 **A1** Janssen 06-19-2003 2003/0223237 **A1** 12-04-2003 Janssen 2003/0231262 **A1** Janssen 12-18-2003 **FOREIGN PATENT DOCUMENTS** Foreign Patent Document Date of Publication of Examiner Cite Name of Patentee or Applicant of Cited Document Office³ Number⁴ Kind⁵ Т Initials* Cited Document MM-DD-YYYY No.1 Code (if known) Examiner Date

Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

			=					Complete if known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applic	ation I	Number	10/781,940			
					Filing I	Filing Date		February 20, 2004			
					First N	amed	Inventor	LI			
					Group	Art U	nit	2875			
					Exami	ner Na	ame	Unknown			
Sheet 1 of 1				Attorne	ey Do	cket Number	2138-280		· · · · · · · · · · · · · · · · · · ·		
					U.S. PA	TEN	T DOCUMENTS				
			U.S. Pat	ent Docume	nt	T					
Examiner Initials*	Cite No. ¹		Number	ımber Kind Code ² (if known						Date of Publication of Cited Document MM-DD-YYYY	
		5,513,02	5,513,023 5,712,694 5,884,991			F	Fritz et al.			04/30/1996	
		5,712,69				Taira et al. Levis et al.				01/27/1998 03/23/1999	
		5,884,99									
		6,104,45	54			Hiyama et al.		•		08/15/2000	
			-								
		·									
	_										
				F	OREIGN	PAT	ENT DOCUMENTS	S		•	
			Foreign	Patent Docu	ment						
Examiner Initials*	Cite No.1	Office ³		Number⁴	Kind ⁵ Co			tee of Applicant of Document		te of Publication of Cited Document MM-DD-YYYY	T⁵
***************************************		CA	2,290,8	360			National Research	n Council of Canada	05/	27/2000	
		EP	584 80	2		A1	Hughes Aircraft C	0.	03/	02/1994	
		EP	0 691 8	552		A2	Corning Inc.		 	10/1996	
		JP	9-3262	05			Hitatchi LTD		12-	16-1997	AB
		WO 93/24857							12/09/1993		
-		wo	95/279	19		A2	Minnesota Mining	& Mfg	10/	19/1995	
Examiner Signature								Date Considered			1

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include

copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

	MATI						-	Complete if Knowi	7				
	RMATI						Complete if Known						
	CIVIA I I	INFORMATION DISCLOSURE				ation	Number	10/781,940					
	STATEMENT BY APPLICANT				Filing Date			February 20, 2004					
				First Named Inventor			LI						
					Group	Art 1	Unit	2875					
					Examiner Name			Unknown					
Sheet	Sheet 1 of 1			Attorne	y D	ocket Number	2138-280	-					
				U	.S. PATI	ENT	DOCUMENTS						
	U.S. Patent Document			nt		Name of Pate	entee or Applicant		Date of Publication	ration			
Examiner Initials*	Cite No.1				d Code ² of Cited (known)			d Document		of Cited Document MM-DD-YYYY			
	1	6,247,814					Lin			06/19/2001			
	2 5,786,873			С	hiu et al.			07/28/1998					
	3	5,303,0	083			В	lanchard et al.			04/12/1994			
	4	5,301,0	030			K	0			04/05/1994			
				FOR	EIGN PA	ATE	NT DOCUMEN	TS					
			Foreign F	Patent Docum	nent				Do	to of Dublication of			
Examiner Initials*	Cite No.1	Office ³ Code		Number⁴	Kind ⁵ (if known)	,	Name of Patent Cited D	tee of Applicant of Occument		te of Publication of Cited Document MM-DD-YYYY	T _e		
		•					·				_		
							····-						
									<u> </u>				
						\dashv			 				
Examiner Signature						1		Date Considered	1		<u> </u>		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

For SN. 10/781,940

		N. 4:	- 04ad		Application	/Control No.	Applicant(s)/F Reexamination	n
		Notice of Reference	is Citea		Examiner		Art Unit	
					Craig Curti	s	2872	Page 1 of 1
				U.S. PA	ATENT DOCU			
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY			Name		Classification
	Α	US-5,884,991	Levis e	t al.			353/122	
	В	3 US-4,173,412 11-1979 Ramsay et al.						356/33
	С	US-						
	D	US-	15					
	E	US-						
	F	US-						
	G	US-			•			
	н	US-						
	ı	US-						
	J	US-						
	к	US-						
	L	US-						
	М	US-						
				FOREIGN	PATENT DO	CUMENTS		
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	C	ountry	N	ame	Classification
	N				,			
	0							
	Р							
	a							
	R			ļ				
	S							
	T		<u> </u>			<u> </u>		
*					TENT DOCU			
Ë		Includ	e as applicable	: Author, T	rtie Date, Publ	isner, ⊑dition or Vol	ume, Pertinent Pages)	
	υ							
	٧							
	W							

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

For S.N. 10/781,940 Applicant(s)/Patent Under Application/Control No. Reexamination 09/8/4,970 LI, KENNETH K. Notice of References Cited Art Unit Examiner Page 1 of 1 Darren Schuberg 2872

				Barron Go.				
				U.S. PATENT DOCUM	MENTS			
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY		Name		Classifi	ication
	A	US-6,139,157	10-2000	Okuyuma			353	20
	В	US-6,053,615	04-2000	Peterson et al			353	20
	С	US-5,884,991	03-1999	Levis et al			353	20
	D	US-5,751,480	05-1998	Kitagishi			359	487
	E	US-5,625,738	04-1997	Magarill			359	503
	F	US-						
	G	US-				_		
	Н	US-					ل. بالد	
	ı	US-					4 6	
	,J	US-						·
	Ķ	US-			-			
	L	US-						
	М	US-						
		I		FOREIGN PATENT DOC	CUMENTS			
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	. Name		Classifi	cation

	N		•		
	0				
	Р				
	Q		·		
	R	·			
r	S				1

NON-PATENT DOCUMENTS

NON-PATENT DOCUMENTS								
*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)						
	υ							
	٧							
	8							
	X							

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY formal are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Т